[FINAL]

Page No. 1

ADMINISTRATIVE RECORD INDEX for the

STAUFFER CHEMICAL CO. (COLD CREEK PLANT) NPL Site (Operable Unit #2)

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence

- Letter from Mariam Tehrani, Akzo Chemicals Inc., and Lee Erickson, ICI Americas, Inc., to Joanne Benante, EPA Region IV,. (June 17, 1992). Concerning separation of Stauffer Superfund project and LeMoyne RCRA Facility Assessment.
- Letter from Joanne Benante, EPA Region IV, to Mariam Tehrani, Akzo Chemicals, Inc., and Lee Erickson, ICI Americas, Inc.,. (July 13, 1992). Concerning the proposed scope of Operable Unit 2.
- 3. Letter from Joanne Benante, EPA Region IV, to James Zarzycki, EA Engineering, Science and Technology. (August 6, 1992). Concerning approach to and deliverables for Operable Unit 2.
- 4. Letter from Joseph Franzmathes, EPA Region IV, to Mariam Tehrani, Akzo Chemicals, Inc., and Lee Erickson, ICI Americas, Inc., (August 20, 1992). Concerning separation of Solid Waste Management Units (SWMUs).

3.2 Sampling and Analysis Data

- 1. Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (December 10, 1992). Commenting on Draft Field Sampling and Analysis Plan and Draft Quality Assurance Project Plan.
- Letter from Joanne Benante, EPA Region IV, to J.H.
 Zarzycki, EA Engineering, Science and Technology.
 (December 15, 1992). Transmitting additional comments on the Draft Field Sampling and Analysis Plan and Draft Quality Assurance Project Plan.
- 3. Letter from J.H. Zarzycki and T.R. Hundt, EA Engineering, Science and Technology, to Joanne Benante, EPA Region IV,. (December 23, 1992). Responding to comments on the Draft Field Sampling and Analysis Plan and Draft Quality Assurance Project Plan, and transmitting final versions of these documents (not attached).

- 3.2 Sampling and Analysis Data (cont'd.)
 - 4. "Final Field Sampling and Analysis Plan, Stauffer Cold Creek/LeMoyne Sites, Solid Waste Management Units (SWMUs) Evaluation, Operable Unit NO. 2," December 1992, prepared for Akzo Chemicals Inc., by EA Engineering, Science and Technology, (December 23, 1992).
 - 5. Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (January 4, 1993). Transmitting modification to Quality Assurance Project Plan and approving the Field Sampling and Analysis Plan and the Quality Assurance Project Plan.
 - 6. Letter from J.H. Zarzycki and T.R. Hundt, EA Engineering, Science and Technology, to Joanne Benante, EPA Region IV. (January 13, 1993). Responding to 1/4/93 letter and discussing scheduling and content of Feasibility Study to be prepared as a result of the upcoming limited field investigation.
 - 7. Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (March 29, 1993). Concerning Field Sampling and Analysis Plan and Quality Assurance Project Plan.
 - 8. "Field Sampling and Analysis Plan and Quality Assurance Project Plan Addendum, Stauffer Cold Creek/LeMoyne Sites: Old Neutralization Pond Evaluation, Operable Unit NO. 2," prepared for Zeneca, Inc., prepared by EA Engineering, Science and Technology. (April 13, 1993).
 - 9. Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (May 20, 1993). Approving Field Sampling and Analysis Plan and Quality Assurance Project Plan for the Stauffer Cold Creek / LeMoyne Sites: Old Neutralization Pond with attached modifications.
 - 10. Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (July 12, 1993). Commenting on the Field Sampling and Analysis Plan Addendum and the Quality Assurance Project Plan Addendum.

ADMINISTRATIVE RECORD INDEX for the

STAUFFER CHEMICAL CO. (COLD CREEK PLANT) NPL Site (Operable Unit #2)

- 3.2 Sampling and Analysis Data (cont'd.)
 - 11. Letter from C.H. Cox, Alabama Department of Environmental Management, to Joanne Benante, EPA Region IV,. (July 22, 1993). Concurring with the Field Sampling and Analysis Plan and the Quality Assurance Project Plan Addendum.
 - 12. Letter from Thomas R. Hundt and J.H. Zarzycki, EA Engineering, Science and Technology, to Joanne Benante, EPA Region IV,. (July 30, 1993). Responds to July 12, 1993 letter from EPA and transmits the Draft Limited Field Investigation/Remedial Investigation.
 - 13. Letter from J.H. Zarzycki and T.R. Hundt, EA Engineering, Science and Technology, to Joanne Benante, EPA Region IV,. (August 11, 1993). Responding to EPA comments on Field Sampling and Analysis Plan and Quality Assurance Project Plan for the Stauffer Cold Creek/LeMoyne Sites: Old Neutralization Pond Evaluation, Operable Unit 2.
 - 14. Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (September 12, 1993). Commenting on the Field Sampling and Analysis Plan Addendum and the Quality Assurance Project Plan Addendum.
 - 15. Memo from John McConney, EPA Region IV Environmental Services Division, to Joanne Benante, EPA Region IV,. (December 21, 1993). Concerning evaluation of split sample data. Samples were evaluated for thiocarbamate pesticide compounds and questions were raised concerning the accuracy of PRP lab results.
- 3.4 Work Plans and Progress Reports
 - 1. Letter from Joseph Downey, Alabama Department of Environmental Management, to Joanne Benante, EPA Region IV,. (August 31, 1992). Commenting on Conceptual Work Plan.
 - Letter from Joanne Benante, EPA Region IV, to James Zarzycki, EA Engineering, Science and Technology. (September 1, 1992). Commenting on Conceptual Work Plan.

ADMINISTRATIVE RECORD INDEX for the

STAUFFER CHEMICAL CO. (COLD CREEK PLANT) NPL Site (Operable Unit #2)

- 3.4 Work Plans and Progress Reports (cont'd.)
 - 3. Letter from J.H. Zarzycki and T.R. Hundt, EA
 Engineering, Science and Technology, to Joanne Benante,
 EPA Region IV,. (September 15, 1992). Responding to
 comments on Draft Conceptual Work Plan and transmitting
 the Final Conceptual Work Plan.
 - "Final Conceptual Work Plan, Stauffer Cold Creek/LeMoyne Site: Solid Waste Management Units (SWMUs), Evaluation, Operable Unit NO. 2," September 1992, prepared for Akzo Chemicals, by EA Engineering, Science and Technology. (September 15, 1992).
 - 5. Letter from Joanne Benante, EPA Region IV, to James Zarzycki, EA Engineering, Science and Technology. (October 1, 1992). Approving Final Conceptual Work Plan.
 - 6. Letter from Joe Downey, Alabama Department of Environmental Management, to Joanne Benante, EPA Region IV,. (October 7, 1992). Concurring with the Final Conceptual Work Plan.
 - 7. Letter from C.H. Cox, Alabama Department of Environmental Management, to Joanne Benante, EPA Region IV,. (November 9, 1993). Concurring with the Remedial Action Work Plan for the Cold Creek Old Neutralization Pond SWMU Groundwater Improvement System.
- 3.8 Interim Deliverables
 - Letter from Joseph Downey, Alabama Department of Environmental Management, to Joanne Benante, EPA Region IV,. (November 2, 1992). Commenting on Decision Document, Solid Waste Management Units (SWMUs) Evaluation, Operable Unit 2.
 - Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology,. (November 3, 1992). Commenting on Draft Decision Document.
 - 3. Letter from J.H. Zarzycki and T.R. Hundt, EA Engineering, Science and Technology, to Joanne Benante, EPA Region IV,. (November 11, 1992). Concerning Decision Document.

ADMINISTRATIVE RECORD INDEX for the

STAUFFER CHEMICAL CO. (COLD CREEK PLANT) NPL Site (Operable Unit #2)

- 3.8 Interim Deliverables (cont'd.)
 - 4. Letter from J.H. Zarzycki and T.R. Hundt, EA Engineering, Science and Technology, to Joanne Benante, EPA Region IV,. (December 2, 1992). Responding to comments on the Draft Decision Document.
 - 5. "Final Decision Document, Stauffer Cold Creek/LeMoyne Sites: Solid Waste Management Units (SWMUs) Evaluation, Operable Unit NO. 2," December 1992, prepared for Akzo Chemicals, Inc., and ICI Americas, Inc., by EA Engineering, Science and Technology. (December 2, 1992).
 - 6. Cross Reference: Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (December 10, 1992). Commenting on Draft Field Sampling and Analysis Plan and Draft Quality Assurance Project Plan. [Filed and cited in Entry Number 1 of 3. 2 REMEDIAL INVESTIGATION (RI) Sampling and Analysis Data].
 - 7. Cross Reference: Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (December 15, 1992). Transmitting additional comments on the Draft Field Sampling and Analysis Plan and Draft Quality Assurance Project Plan. [Filed and cited in Entry Number 2 of 3. 2 REMEDIAL INVESTIGATION (RI) Sampling and Analysis Data].
 - 8. Cross Reference: Letter from J.H. Zarzycki and T.R. Hundt, EA Engineering, Science and Technology, to Joanne Benante, EPA Region IV,. (December 23, 1992). Responding to comments on the Draft Field Sampling and Analysis Plan and Draft Quality Assurance Project Plan, and transmitting final versions of these documents (not attached). [Filed and cited in Entry Number 3 of 3. 2 REMEDIAL INVESTIGATION (RI) Sampling and Analysis Data].
 - 9. "Final Quality Assurance Project Plan, Cold Creek/LeMoyne Superfund Sites: Solid Waste Management Units (SWMUs) Evaluation, Operable Unit NO. 2," December 1992, prepared for Akzo Chemicals, Inc., by EA Engineering, Science and Technology. (December 23, 1992).

- 3.8 Interim Deliverables (cont'd.)
 - 10. Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (December 29, 1992). Giving Conditional Approval on the Decision Document and transmitting comments on the Decision Document.
 - 11. Cross Reference: Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (January 4, 1993). Transmitting modification to Quality Assurance Project Plan and approving the Field Sampling and Analysis Plan and the Quality Assurance Project Plan. [Filed and cited in Entry Number 5 of 3. 2 REMEDIAL INVESTIGATION (RI) Sampling and Analysis Data].
 - 12. Letter from J.H. Zarzycki and T.R. Hundt, EA Engineering, Science and Technology, to Joanne Benante, EPA Region IV,. (January 29, 1993). Transmitting Responses to Comments on Decision Document, revised pages of the text, and the Addendum to the Final Decision Document (not attached).
 - 13. "Addendum to Decision Document," January 1993, prepared for Akzo Chemicals, Inc., and Zeneca Inc., by EA Engineering, Science and Technology. (January 29, 1993).
 - 14. Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology, (February 17, 1993). Commenting on the Addendum to the Decision Document.
 - 15. Letter from J.H. Zarzycki and T.R. Hundt, EA Engineering, Science and Technology, to Joanne Benante, EPA Region IV,. (March 8, 1993). Responding to EPA comments (2/17/93) on the Addendum to the Decision Document.
 - 16. Cross Reference: Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (March 29, 1993). Concerning Field Sampling and Analysis Plan and Quality Assurance Project Plan. [Filed and cited in Entry Number 7 of 3. 2 REMEDIAL INVESTIGATION (RI) Sampling and Analysis Data].

3.8 Interim Deliverables (cont'd.)

- 17. Cross Reference: Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (May 20, 1993). Approving Field Sampling and Analysis Plan and Quality Assurance Project Plan for the Stauffer Cold Creek / LeMoyne Sites: Old Neutralization Pond with attached modifications. [Filed and cited in Entry Number 9 of 3. 2 REMEDIAL INVESTIGATION (RI) Sampling and Analysis Data].
- 18. Cross Reference: Letter from J.H. Zarzycki and T.R. Hundt, EA Engineering, Science and Technology, to Joanne Benante, EPA Region IV,. (August 11, 1993). Responding to EPA comments on Field Sampling and Analysis Plan and Quality Assurance Project Plan for the Stauffer Cold Creek/LeMoyne Sites: Old Neutralization Pond Evaluation, Operable Unit 2.[Filed and cited in Entry Number 13 of 3. 2 REMEDIAL INVESTIGATION (RI) Sampling and Analysis Data].
- 3.10 Remedial Investigation (RI) Reports
 - 1. Letter from C.H. Cox, Alabama Department of Environmental Management, to Joanne Benante, EPA Region IV,. (October 8, 1993). Concurring with Draft Limited Field Investigation/Remedial Investigation Cold Creek/LeMoyne Superfund Site, Operable Unit 2.
 - Letter from Joanne Benante, EPA Region IV, to J.H.
 Zarzycki, EA Engineering, Science and Technology.
 (November 23, 1993). Commenting on the Baseline Risk
 Assessment portion of the Draft Limited Field
 Investigation/Remedial Investigation.
 - 3. Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (February 28, 1994). Disapproves the Draft Limited Field Investigation, and transmits comments.
 - 4. Letter from C.H. Cox, Alabama Department of Environmental Management, to Joanne Benante, EPA Region IV,. (March 21, 1994). Concurring with the Draft Limited Field Investigation for Operable Unit 2, the Old Neutralization Pond.

- 3.10 Remedial Investigation (RI) Reports (cont'd.)
 - 5. Letter from J.H. Zarzycki, EA Engineering, Science and Technology, to Joanne Benante, EPA Region IV,. (March 30, 1994). Responding to 2/28/94 EPA comments on the Limited Field Investigation Report.
 - 6. "Final Limited Field Investigation, Stauffer Cold Creek Superfund Site: Operable Unit NO. 2, Old Neutralization Pond," prepared for Zeneca, Inc., by EA Engineering, Science and Technology. (March 30, 1994).
 - 7. Letter from C.H. Cox, Alabama Department of Environmental Management, to Joanne Benante, EPA Region IV.. (April 19, 1994). Concurring with the Final Limited Field Investigation.
 - 8. Letter from Joanne Benante, EPA Region IV, to J.H. Zarzycki, EA Engineering, Science and Technology. (May 4, 1994). Conditionally approves Limited Field Investigation Report dated 3/30/94. Includes required modifications.
 - 9. Letter from J.H. Zarzycki, EA Engineering, Science and Technology, to Joanne Benante, EPA Region IV,. (June 6, 1994). Responding to 5/4/94 EPA comments on Final Limited Field Investigation. Modified report pages attached.

3.11 Health Assessments

1. "Site Review and Update, Stauffer Chemical Company Cold Creek Plant, Bucks, Mobile County Alabama, CERCLIS NO. ALD095688875, AND Stauffer Chemical Company (LeMoyne Plant) LeMoyne, Mobile County, Alabama, CERCLIS NO. ALD008161176," prepared by Alabama Department of Public Health, under a cooperative agreement with the Agency for Toxic Substances and Disease Registry. (March 21, 1994).

ADMINISTRATIVE RECORD INDEX

for the

STAUFFER CHEMICAL CO. (COLD CREEK PLANT) NPL Site (Operable Unit #2)

4.0 FEASIBILITY STUDY (FS)

- 4.4 Work Plans and Progress Reports
 - 1. Letter from Dennis Smith, Zeneca, to Joanne Benante, EPA Region IV,. (April 25, 1994). Transmitting Scope of Work for the Focused Feasibility Study.
- 4.9 Feasibility Study (FS) Reports
 - 1. Letter from C.H. Cox, Alabama Department of Environmental Management, to Joanne Benante, EPA Region IV,. (July 19, 1994). Concurring with Draft Focused Feasibility Study for Operable Unit 2, Zeneca, Inc. Sources Evaluation.
 - 2. Letter from Joanne Benante, EPA Region IV, to Dennis Smith, Zeneca, Inc.,. (July 28, 1994). Disapproving the Focused Feasibility Study for Operable Unit 2.
 - 3. Letter from Dennis Smith, Zeneca, to Joanne Benante, EPA Region IV,. (August 5, 1994). Responding to EPA comments on the Focused Feasibility Study.
 - 4. Letter from C.H. Cox, Alabama Department of Environmental Management, to Joanne Benante, EPA Region IV,. (August 31, 1994). Concurring with comments on and revisions to the Focused Feasibility Study for Operable Unit 2.
 - 5. Letter from Joanne Benante, EPA Region IV, to Dennis Smith, Zeneca,. (November 3, 1994). Approving revised pages of the Focused Feasibility Study.
 - 6. "Final Focused Feasibility Study, Stauffer Cold Creek Superfund Site: Operable Unit NO. 2, Zeneca, Inc., Sources Evaluation," prepared for Zeneca, Inc., by EA Engineering, Science and Technology. (November 4, 1994).
 - 7. Memorandum from Joanne Benante, EPA Region IV, to FILE,. (March 30, 1995). Clarifies the area of attainment for the Old Neutralization Pond, Operable Unit 2 of the Stauffer Chem (Cold Creek) Site.

4.10 Proposed Plans for Selected Remedial Action

- 1. "United States Environmental Protection Agency, Superfund Proposed Plan Fact Sheet, Stauffer Chem (Cold Creek Plant) Site, Operable Unit # 2, Bucks, Mobile County, Alabama, "prepared by U.S. EPA Region IV. (April 1995).
- "Stauffer Chemical (Cold Creek Plant) Superfund Site, Public Comment Sheet," from David Underhill. (April 1995).
- 3. Letter from Kevin Marek, to EPA Region IV. Comments on Proposed Plan. (April 25, 1995).
- 4. Letter from Don Tolbert, community member, to Joanne Benante, EPA Region IV. Comments on Proposed Plan. (May 3, 1995).
- 5. Letter from Dennis Smith, Zeneca, Inc., to Joanne Benante, EPA Region IV. Comments on Proposed Plan. (May 5, 1995).

5.0 RECORD OF DECISION (ROD)

5.1 Correspondence

1. Memorandum from Joanne Benante, to File. Bridging memo for selection of Presumptive Remedy - Stauffer Chem (Cold Creek) Superfund Site Remedy Selection Operable Unit 2. (August 8, 1995).

5.2 Responsiveness Summaries

Cross Reference: The RESPONSIVENESS SUMMARY, can be found as Appendix A of "Record of Decision, Summary of Remedial Alternative Selection, Stauffer Chem (Cold Creek Plant) Superfund Site, Source Operable Unit 2 (OU2), Mobile County, Alabama, "prepared by U.S. EPA Region IV. (August 1995). [Filed and Cited in 5.9 RECORD OF DECISION - Record of Decision].

5.9 Record of Decision (ROD)

- 1. Letter from John Smith, Alabama Department of Environmental Management, to Joanne Benante. Concurs with draft Record of Decision. (June 15, 1995).
- 2. "Record of Decision, Summary of Remedial Alternative Selection, Stauffer Chem (Cold Creek Plant) Superfund Site, Source Operable Unit 2 (OU2), Mobile County, Alabama, prepared by U.S. EPA Region IV. (August 16, 1995).
- 3. Letter from Joanne Benante, EPA Region IV, to C.H. Cox, Alabama Department of Environmental Management.
 Transmits final Record of Decision. (August 18, 1995).
- 4. Letter from Joanne Benante, EPA Region IV, to Dennis Smith, Zeneca, Inc.. Transmits final Record of Decision. (August 18, 1995).

13.0 COMMUNITY RELATIONS

13.1 Correspondence

- 1. Letter from Don Tolbert, to Betty Winter, EPA Region IV. Concerning location of public meetings. Community Petition attached. (April 25, 1995).
- Letter from Michael Box, Alabama House of Representatives, to Betty Winter, EPA Region IV. Requests that all meetings regarding the Superfund sites at Akzo and Zeneca be held in the community. (April 28, 1995).
- 3. Letter from Betty Winter, EPA Region IV, to Michael Box, Alabama House of Representatives. Responds to 4/28/95 letter. (June 15, 1995).
- 4. Letter from Betty Winter, EPA Region IV, to Don Tolbert. Responds to letters of 4/25/95 and 5/24/95. (June 15, 1995).

ADMINISTRATIVE RECORD INDEX

for the

STAUFFER CHEMICAL CO. (COLD CREEK PLANT) NPL Site (Operable Unit #2)

- 13.1 Correspondence (cont'd.)
 - 5. Letter from Michael Box, Alabama House of Representatives, to Betty Winter, EPA Region IV. Responds to 6/15/95 letter. (June 23, 1995).
- 13.7 News Clippings and Press Releases
 - News Clipping: "EPA To Clean Up Site, Bill Chemical Companies," by Michael Hardy, in the Mobile Press Register, Friday, February 25, 1994. (February 25, 1994).
 - News Clipping: "EPA After \$17.7 Million," in the Montgomery Advertiser, Saturday, February 26, 1994. (February 26, 1994).
 - 3. "EPA Public Meeting/Comment Period," prepared by U.S. EPA Region IV, announces public meeting for April 18, 1995 for discussion of the Proposed Plan for Operable Unit 2 of the Stauffer Chemical (Cold Creek Plant) Superfund Site. (April 1995).
- 13.8 Public Meetings
 - 1. Transcript: "EPA Superfund Proposed Plan Public Meeting, April 18th, 1995.". (April 18, 1995).
- 13.9 Fact Sheets
 - 1. Cross Reference: "United States Environmental Protection Agency, Superfund Proposed Plan Fact Sheet, Stauffer Chem (Cold Creek Plant) Site, Operable Unit # 2, Bucks, Mobile County, Alabama," prepared by U.S. EPA Region IV. (April 1995). [Filed and cited in Entry Number 1 of 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action].

17.0 SITE MANAGEMENT RECORDS

17.7 Reference Documents

1. This Index and Administrative Record includes by reference only, all documents included in the Presumptive Remedies Municipal Landfill Administrative Record. The Presumptive Remedies Administrative Record will be made available for review at the U.S. EPA Region IV offices in Atlanta Georgia, upon request sent to the Remedial Project Manager for the Stauffer Chemical, Cold Creek Plant, Superfund Site, U.S. EPA, Region IV, 345 Courtland Street, N.E., Atlanta, Georgia 30365. (DATE

UNKNOWN).

.

- 17.7 Reference Documents (cont'd.)
 - 2. "Presumptive Remedies: Policy and Procedures, Quick Reference Fact Sheet," U.S. EPA Office of Solid Waste and Emergency Response, Directive: 9355.0-47FS. (September 1993).
 - 3. "Presumptive Remedy for CERCLA Municipal Landfill Sites, Quick Reference Fact Sheet," U.S. EPA Office of Solid Waste and Emergency Response, Directive: 9355.0-49FS. (September 1993).
 - 4. "Feasibility Study Analysis for CERCLA Municipal Landfill Sites.". (August 1994).
 - 5. "Federal Register, Thursday, February 9, 1995, Part II, Environmental Protection Agency, 40 CFR Parts 261, 271, and 302, Hazardous Waste: Identification and Listing; Carbamate Production; Final Rule," pages 7824-7859. (February 9, 1995).